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TERMINAL (ENTER 1, 2, 3, OR ?):2

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         APR 04
                 STN AnaVist, Version 1, to be discontinued
NEWS
                 WPIDS, WPINDEX, and WPIX enhanced with new
         APR 15
                 predefined hit display formats
NEWS
         APR 28
                 EMBASE Controlled Term thesaurus enhanced
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         APR 28
                 IMSRESEARCH reloaded with enhancements
         MAY 30
NEWS 6
                 INPAFAMDB now available on STN for patent family
                 searching
NEWS
         MAY 30
                 DGENE, PCTGEN, and USGENE enhanced with new homology
                 sequence search option
         JUN 06
                 EPFULL enhanced with 260,000 English abstracts
NEWS
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NEWS
         JUN 06
                 KOREAPAT updated with 41,000 documents
NEWS 10
         JUN 13
                 USPATFULL and USPAT2 updated with 11-character
                 patent numbers for U.S. applications
         JUN 19
                 CAS REGISTRY includes selected substances from
NEWS 11
                 web-based collections
NEWS 12
         JUN 25
                 CA/CAplus and USPAT databases updated with IPC
                 reclassification data
NEWS 13
         JUN 30
                 AEROSPACE enhanced with more than 1 million U.S.
                 patent records
NEWS 14
         JUN 30
                 EMBASE, EMBAL, and LEMBASE updated with additional
                 options to display authors and affiliated
                 organizations
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         JUN 30
                 STN on the Web enhanced with new STN AnaVist
                 Assistant and BLAST plug-in
NEWS 16
         JUN 30 STN AnaVist enhanced with database content from EPFULL
NEWS 17
        JUL 28 CA/CAplus patent coverage enhanced
NEWS 18 JUL 28
                 EPFULL enhanced with additional legal status
                 information from the epoline Register
         JUL 28 IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS 19
NEWS 20 JUL 28 STN Viewer performance improved
NEWS 21
         AUG 01
                 INPADOCDB and INPAFAMDB coverage enhanced
NEWS 22 AUG 13 CA/CAplus enhanced with printed Chemical Abstracts
                 page images from 1967-1998
NEWS 23
         AUG 15
                 CAOLD to be discontinued on December 31, 2008
NEWS 24
         AUG 15
                 CAplus currency for Korean patents enhanced
NEWS 25
         AUG 25
                 CA/CAplus, CASREACT, and IFI and USPAT databases
                 enhanced for more flexible patent number searching
NEWS 26
                 CAS definition of basic patents expanded to ensure
         AUG 27
                 comprehensive access to substance and sequence
                 information
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FILE 'HOME' ENTERED AT 15:17:41 ON 15 SEP 2008

=> s thrombomodulin and (PEG)

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

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=> file medline, uspatful, dgene, biosis COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.42 0.42

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 15:18:37 ON 15 SEP 2008

FILE 'USPATFULL' ENTERED AT 15:18:37 ON 15 SEP 2008
CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'DGENE' ENTERED AT 15:18:37 ON 15 SEP 2008 COPYRIGHT (C) 2008 THOMSON REUTERS

FILE 'BIOSIS' ENTERED AT 15:18:37 ON 15 SEP 2008 Copyright (c) 2008 The Thomson Corporation

=> s thrombomodulin and polymer

L1 824 THROMBOMODULIN AND POLYMER

=> s (truncated thrombomodulin conjugate)

L2 0 (TRUNCATED THROMBOMODULIN CONJUGATE)

=> s l1 and (conjugate thrombomodulin)

L3 0 L1 AND (CONJUGATE THROMBOMODULIN)

=> s (thrombomodulin conjugate)

L4 1 (THROMBOMODULIN CONJUGATE)

=> d 14 ti abs ibib tot

L4 ANSWER 1 OF 1 USPATFULL on STN

TI Thrombomodulin Derivatives and Conjugates

AB The transmembrane human protein thrombomodulin (TM), as a critical regulator of the protein C pathway, represents the major anticoagulant mechanism that is operative in both normal and injured blood vessels under physiologic conditions in vivo. Compositions and methods are disclosed relating to thrombomodulin derivatives and conjugates,

including methods for site-specific pegylation and compositions of a truncated thrombomodulin derivative.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

2008:58717 USPATFULL ACCESSION NUMBER:

Thrombomodulin Derivatives and Conjugates TITLE:

INVENTOR(S): Chaikof, Elliot L., Atlanta, GA, UNITED STATES

Cazalis, Chrystelle S., Pessac, FRANCE

Haller, Carolyn A., Atlanta, GA, UNITED STATES

PATENT ASSIGNEE(S): EMORY UNIVERSITY, Atlanta, GA, UNITED STATES (U.S.

corporation)

NUMBER KIND DATE ______ US 20080051562 A1 20080228 US 2005-598149 A1 20050222 WO 2005-US5554 20050222 PATENT INFORMATION: APPLICATION INFO.: (10)

20070417 PCT 371 date

NUMBER DATE _____

US 2004-546436P 20040220 (60) PRIORITY INFORMATION:

DOCUMENT TYPE: Utility FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: GREENLEE WINNER AND SULLIVAN P C, 4875 PEARL EAST

CIRCLE, SUITE 200, BOULDER, CO, 80301, US

NUMBER OF CLAIMS: EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 4 Drawing Page(s)

LINE COUNT: 1217

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 15:17:41 ON 15 SEP 2008)

FILE 'MEDLINE, USPATFULL, DGENE, BIOSIS' ENTERED AT 15:18:37 ON 15 SEP

L1824 S THROMBOMODULIN AND POLYMER

L2 0 S (TRUNCATED THROMBOMODULIN CONJUGATE) L3 0 S L1 AND (CONJUGATE THROMBOMODULIN)

1 S (THROMBOMODULIN CONJUGATE)

=> s (polyacrylamide and poly(t-butyl acrylate))

MISSING OPERATOR 'POLY(T-BUTYL'

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> s (carboxy terminus)

29925 (CARBOXY TERMINUS)

=> file biosis, embase, uspatful, wpids, biotechds, medline, scisearch COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 28.62 29.04 FULL ESTIMATED COST

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FILE 'MEDLINE' ENTERED AT 15:32:57 ON 15 SEP 2008

FILE 'SCISEARCH' ENTERED AT 15:32:57 ON 15 SEP 2008 Copyright (c) 2008 The Thomson Corporation

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=> e haller, c/au
                  HALLER Y I/AU
E1
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                 HALLER YEO J/AU
Е3
            0 --> HALLER, C/AU
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          HALLERAKER B/AU

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E1 1 CAZALIS ROLLAND/AU
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E10
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E11
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E12
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(FILE 'HOME' ENTERED AT 15:17:41 ON 15 SEP 2008)

FILE 'MEDLINE, USPATFULL, DGENE, BIOSIS' ENTERED AT 15:18:37 ON 15 SEP 2008

824 S THROMBOMODULIN AND POLYMER L1

L2 0 S (TRUNCATED THROMBOMODULIN CONJUGATE)

0 S L1 AND (CONJUGATE THROMBOMODULIN)

L41 S (THROMBOMODULIN CONJUGATE)

L5 29925 S (CARBOXY TERMINUS)

> FILE 'BIOSIS, EMBASE, USPATFULL, WPIDS, BIOTECHDS, MEDLINE, SCISEARCH' ENTERED AT 15:32:57 ON 15 SEP 2008

> > E HALLER, C/AU

E CAZALIS, C/AU

E CHAIKOF, E/AU

=> s (thromobomodulin and PEG)

0 (THROMOBOMODULIN AND PEG)

=> s (thrombomodulin and pegylated)

208 (THROMBOMODULIN AND PEGYLATED)

=> s 17 and (GGM)

L3

1 L7 AND (GGM)

=> d 18 ti abs ibib tot

ANSWER 1 OF 1 USPATFULL on STN

ΤТ Thrombomodulin Derivatives and Conjugates

AΒ The transmembrane human protein thrombomodulin (TM), as a critical regulator of the protein C pathway, represents the major anticoagulant mechanism that is operative in both normal and injured blood vessels under physiologic conditions in vivo. Compositions and methods are disclosed relating to thrombomodulin derivatives and conjugates, including methods for site-specific pegylation and compositions of a truncated thrombomodulin derivative.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2008:58717 USPATFULL

TITLE: Thrombomodulin Derivatives and Conjugates INVENTOR(S): Chaikof, Elliot L., Atlanta, GA, UNITED STATES

Cazalis, Chrystelle S., Pessac, FRANCE

Haller, Carolyn A., Atlanta, GA, UNITED STATES

EMORY UNIVERSITY, Atlanta, GA, UNITED STATES (U.S. PATENT ASSIGNEE(S):

corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION: APPLICATION INFO.:	US 20080051562 US 2005-598149 WO 2005-US5554	A1 A1	20080228 20050222 20050222 20070417	(10) PCT 371 date

NUMBER	DATE

PRIORITY INFORMATION: US 2004-546436P 20040220 (60)

DOCUMENT TYPE: Utility FILE SEGMENT: APPLICATION

GREENLEE WINNER AND SULLIVAN P C, 4875 PEARL EAST LEGAL REPRESENTATIVE:

CIRCLE, SUITE 200, BOULDER, CO, 80301, US

NUMBER OF CLAIMS: 25 EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 4 Drawing Page(s)

LINE COUNT: 1217

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 15:17:41 ON 15 SEP 2008)

FILE 'MEDLINE, USPATFULL, DGENE, BIOSIS' ENTERED AT 15:18:37 ON 15 SEP 2008

L1 824 S THROMBOMODULIN AND POLYMER

L2 0 S (TRUNCATED THROMBOMODULIN CONJUGATE)

L3 0 S L1 AND (CONJUGATE THROMBOMODULIN)

L4 1 S (THROMBOMODULIN CONJUGATE)

L5 29925 S (CARBOXY TERMINUS)

FILE 'BIOSIS, EMBASE, USPATFULL, WPIDS, BIOTECHDS, MEDLINE, SCISEARCH' ENTERED AT 15:32:57 ON 15 SEP 2008

E HALLER, C/AU

E CAZALIS, C/AU

E CHAIKOF, E/AU

L6 0 S (THROMOBOMODULIN AND PEG)

L7 208 S (THROMBOMODULIN AND PEGYLATED)

L8 1 S L7 AND (GGM)

=> s 17 and (EGF4-6)

1 L7 AND (EGF4-6)

=> d 19 ti abs ibib tot

L9 ANSWER 1 OF 1 USPATFULL on STN

TI Thrombomodulin Derivatives and Conjugates

AB The transmembrane human protein thrombomodulin (TM), as a critical regulator of the protein C pathway, represents the major anticoagulant mechanism that is operative in both normal and injured blood vessels under physiologic conditions in vivo. Compositions and methods are disclosed relating to thrombomodulin derivatives and conjugates, including methods for site-specific pegylation and compositions of a truncated thrombomodulin derivative.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2008:58717 USPATFULL

TITLE: Thrombomodulin Derivatives and Conjugates

INVENTOR(S): Chaikof, Elliot L., Atlanta, GA, UNITED STATES

Cazalis, Chrystelle S., Pessac, FRANCE

Haller, Carolyn A., Atlanta, GA, UNITED STATES

PATENT ASSIGNEE(S): EMORY UNIVERSITY, Atlanta, GA, UNITED STATES (U.S.

corporation)

	NUMBER	KIND	DATE		
PATENT INFORMATION: APPLICATION INFO.:	US 20080051562 US 2005-598149 WO 2005-US5554		20080228 20050222 20050222 20070417	ν – - γ	date

NUMBER	DATE

PRIORITY INFORMATION: US 2004-546436P 20040220 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: GREENLEE WINNER AND SULLIVAN P C, 4875 PEARL EAST

CIRCLE, SUITE 200, BOULDER, CO, 80301, US

NUMBER OF CLAIMS: 25 EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 4 Drawing Page(s)

LINE COUNT: 1217

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 15:17:41 ON 15 SEP 2008)

FILE 'MEDLINE, USPATFULL, DGENE, BIOSIS' ENTERED AT 15:18:37 ON 15 SEP 2008

L1 824 S THROMBOMODULIN AND POLYMER

L2 0 S (TRUNCATED THROMBOMODULIN CONJUGATE)

L3 0 S L1 AND (CONJUGATE THROMBOMODULIN)

L4 1 S (THROMBOMODULIN CONJUGATE)

L5 29925 S (CARBOXY TERMINUS)

FILE 'BIOSIS, EMBASE, USPATFULL, WPIDS, BIOTECHDS, MEDLINE, SCISEARCH' ENTERED AT 15:32:57 ON 15 SEP 2008

E HALLER, C/AU

E CAZALIS, C/AU

E CHAIKOF, E/AU

L6 0 S (THROMOBOMODULIN AND PEG)

L7 208 S (THROMBOMODULIN AND PEGYLATED)

L8 1 S L7 AND (GGM)

1 S L7 AND (EGF4-6)

=> d 17 ti abs ibib 1-15

L7 ANSWER 1 OF 208 USPATFULL on STN

TI Compositions and methods for intraocular delivery of fibronectin scaffold domain proteins

AB The present disclosure relates to novel sustained-release intraocular drug delivery systems and improvements in the treatment of retinopathies. In particular, fibronectin scaffold domain proteins that selectively inhibit VEGFR-2 are contemplated.

ACCESSION NUMBER: 2008:252793 USPATFULL

TITLE: Compositions and methods for intraocular delivery of

fibronectin scaffold domain proteins

INVENTOR(S): Chen, Yan, Lexington, MA, UNITED STATES

Getmanova, Elena, Lexington, MA, UNITED STATES Wright, Martin C., Boston, MA, UNITED STATES Harris, Alan S., Andover, MA, UNITED STATES Lim, Ai Ching, Newton, MA, UNITED STATES

Gokemeijer, Jochem, Arlington, MA, UNITED STATES

Sun, Lin, West Roxbury, MA, UNITED STATES

Wittekind, Michael, Bainbridge Island, WA, UNITED

STATES

PATENT ASSIGNEE(S): Adnexus, A Bristol-Myers Squibb R&D Company, Waltham,

MA, UNITED STATES (U.S. corporation)

		NUMBER	KIND	DATE	
PATENT INFORMATION:	US	20080220049	A1	20080911	
APPLICATION INFO.:	US	2007-894045	A1	20070817	(11)

Continuation-in-part of Ser. No. US 2006-448171, filed RELATED APPLN. INFO.:

on 5 Jun 2006, PENDING Continuation of Ser. No. US

2005-101954, filed on 7 Apr 2005, ABANDONED

Continuation of Ser. No. WO 2004-US40885, filed on 6

Dec 2004, PENDING

NUMBER DATE _____

US 2003-527886P 20031205 (60) PRIORITY INFORMATION:

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: ROPES & GRAY LLP, PATENT DOCKETING 39/41, ONE

INTERNATIONAL PLACE, BOSTON, MA, 02110-2624, US

NUMBER OF CLAIMS: EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 23 Drawing Page(s)

LINE COUNT: 11766

ANSWER 2 OF 208 USPATFULL on STN 1.7

Polynucleotides encoding two novel human G-protein coupled receptors, ΤI

HGPRBMY28 and HGPRBMY29, and splice variants thereof

AΒ The present invention provides novel polynucleotides encoding HGPRBMY28 and HGPRBMY29 polypeptides, fragments and homologues thereof. The present invention also provides polynucleotides encoding splice variants of HGPRBMY29 polypeptides, HGPRBMY29v1 and HGPRBMY29v2. Also provided are vectors, host cells, antibodies, and recombinant and synthetic methods for producing said polypeptides. Also provided are vectors, host cells, antibodies, and recombinant and synthetic methods for producing said polypeptides. The invention further relates to diagnostic and therapeutic methods for applying these novel HGPRBMY28, HGPRBMY29, HGPRBMY29v1, and HGPRBMY29v2 polypeptides to the diagnosis, treatment, and/or prevention of various diseases and/or disorders related to these polypeptides. The invention further relates to screening methods for identifying agonists and antagonists of the polynucleotides and polypeptides of the present invention.

ACCESSION NUMBER: 2008:245953 USPATFULL

TITLE: Polynucleotides encoding two novel human G-protein

coupled receptors, HGPRBMY28 and HGPRBMY29, and splice

variants thereof

INVENTOR(S): Feder, John N., Belle Mead, NJ, UNITED STATES

> Ramanathan, Chandra S., Ringoes, NJ, UNITED STATES Mintier, Gabriel A., Hightstown, NJ, UNITED STATES

Bol, David, Gaithersburg, MD, UNITED STATES Hawken, Donald R., Trenton, NJ, UNITED STATES

Bristol-Myers Squibb Company (U.S. corporation) PATENT ASSIGNEE(S):

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 20080213918	A1	20080904
APPLICATION INFO.:	US 2007-891836	A1	20070813 (11)
RELATED APPLN. INFO.:	Division of Ser.	No. US	2005-70456, filed of

2005, Pat. No. US 7345148 Division of Ser. No. US 2002-120604, filed on 11 Apr 2002, Pat. No. US 7049096

			NUMBER	DATE	
PRIORITY	INFORMATION:	US	2001-283145P	20010411	(60)
		US	2001-283161P	20010411	(60)
		US	2001-288468P	20010503	(60)
		US	2001-300619P	20010625	(60)

Utility DOCUMENT TYPE: FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: LOUIS J. WILLE, BRISTOL-MYERS SQUIBB COMPANY, PATENT

DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000, US

NUMBER OF CLAIMS: 25 EXEMPLARY CLAIM: 1 - 20

NUMBER OF DRAWINGS: 36 Drawing Page(s)

LINE COUNT: 19843

L7 ANSWER 3 OF 208 USPATFULL on STN

ΤI Polymer Conjugates of K-252A and Derivatives Thereof AΒ

The present invention relates to novel polymer conjugates of K-252a and derivatives thereof and to their use for the preparation of a pharmaceutical composition useful for the prevention, alleviation and treatment of kinase-associated pathologies. In particular, the present invention relates to the prevention, alleviation and treatment of HMGB1-associated pathologies. In a particular aspect, the invention relates to the use of the novel polymer conjugates of K-252a and derivatives thereof in the preparation of a pharmaceutical composition useful for the prevention, alleviation and treatment of neurological disorders, neuropathies and neurodegenerative disorders of the central and peripheral nervous system. In a further preferred aspect, the invention relates to the use of the polymer conjugates in the preparation of a pharmaceutical composition useful for the prevention, alleviation and treatment of dermal pathologies, in particular dermal pathologies associated with an excessive keratinocyte proliferation, in particular psoriasis. In a still further aspect, the invention relates to the use of the polymer conjugates in the prevention, alleviation and treatment of NGF-related pain. More specifically, the present invention relates to a polymer conjugate of K-252a and derivatives thereof, wherein the polymer is polyethylene glycol or methoxy-polyethylene glycol formula (I).

##STR1##

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

2008:220622 USPATFULL ACCESSION NUMBER:

TITLE: Polymer Conjugates of K-252A and Derivatives Thereof INVENTOR(S): Traversa, Silvio, Palazzo Canavese (Torino), ITALY

Bagnod, Raffaella, Bollengo (Torino), ITALY

Barone, Domenico, Torino, ITALY

Bertarione Rava Rossa, Luisa, Pavone Canavese (Torino),

Fumero, Silvano, Ivrea (Torino), ITALY Mainero, Valentina, Ivrea (Torino), ITALY Marconi, Alessandra, Reggio Emilia, ITALY Oderda, Cecilia, Vesenaz, SWITZERLAND Pincelli, Carlo, Sassuolo (Modena), ITALY

Lorenzetto, Chiara, Villafranca Piemonte (TO), ITALY

Beccaria, Luca, Ivrea (TO), ITALY CREABILIS THERAPEUTICS S.P.A., Colleretto Giacosa, PATENT ASSIGNEE(S):

ITALY (non-U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION: APPLICATION INFO.:	US 20080193517 US 2006-64461 WO 2006-EP8374	A1 A1	20080814 20060825 20060825 20080222	(12) PCT 371 date

NUMBER DATE

PRIORITY INFORMATION:

US 2005-710890P 20050825 (60) US 2005-720454P 20050927 (60) US 2006-811469P 20060607 (60)

DOCUMENT TYPE: Utility FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: ROTHWELL, FIGG, ERNST & MANBECK, P.C., 1425 K STREET,

N.W., SUITE 800, WASHINGTON, DC, 20005, US

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

NUMBER OF DRAWINGS: 19 Drawing Page(s)

LINE COUNT: 1787

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 4 OF 208 USPATFULL on STN

Methods For Treating Bleeding TΙ

Methods for the treatment of various bleeding disorders using variants AΒ of human Factor VII (hFVII) or activated FVII (FVIIa) having an altered activity compared to 5 recombinant FVIIa with the native human sequence.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2008:214730 USPATFULL

Methods For Treating Bleeding TITLE: INVENTOR(S): Ropke, Mads, Hellerup, DENMARK

Lathrop, Stephanie J., Mountain View, CA, UNITED STATES

MAXYGEN HOLDINGS LTD. (non-U.S. corporation) PATENT ASSIGNEE(S):

NUMBER KIND DATE _____ PATENT INFORMATION: APPLICATION INFO.: US 20080188400 A1 20080807 US 2006-912484 A1 20060425 (11)WO 2006-DK50016 20060425

20071024 PCT 371 date

NUMBER DATE _____

PRIORITY INFORMATION: US 2005-674815P 20050426 (60)

DOCUMENT TYPE: Utility FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: MAXYGEN, INC., INTELLECTUAL PROPERTY DEPARTMENT, 515

GALVESTON DRIVE, REDWOOD CITY, CA, 94063, US

NUMBER OF CLAIMS: EXEMPLARY CLAIM: 1 LINE COUNT: 1855

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 5 OF 208 USPATFULL on STN T.7

ΤI Highly Branched Hk Peptides as Effective Carriers of Sirna

The present invention is directed to methods of transfecting cells with AB siRNA, by contacting a transfection complex with one or more cells, where the transfection complex includes a transport polymer and siRNA. The transport polymer may include for example, H.sup.3K8b and/or structurally similar compounds. The invention is also directed to such transfection complexes, and to compositions that include such transfection complexes. The invention is further directed to methods of treating patients using the transfection complexes of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2008:195372 USPATFULL

TITLE: Highly Branched Hk Peptides as Effective Carriers of Sirna

Mixson, Archibald, Rockville, MD, UNITED STATES INVENTOR(S):

NUMBER KIND DATE ______ US 20080171025 A1 20080717 US 2005-718342 A1 20051117 PATENT INFORMATION: APPLICATION INFO.: (11)WO 2005-US41785 20051117 20070501 PCT 371 date

> NUMBER DATE

PRIORITY INFORMATION: US 2004-628341P 20041117 (60)

DOCUMENT TYPE: Utility FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: CASTELLANO PLLC, P.O. Box 1555, Great Falls, VA, 22066,

IIS

NUMBER OF CLAIMS: 31 EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 10 Drawing Page(s) LINE COUNT: 1511

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 6 OF 208 USPATFULL on STN

TΙ Modified coagulation factor IX polypeptides and use thereof for treatment

Provided are modified factor IX (FIX) polypeptides and methods of AB generating modified FIX polypeptides. Also provided are pharmaceutical compositions, including compositions formulation for oral administration, that contain the modified FIX polypeptides, and methods

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2008:117426 USPATFULL

TITLE: Modified coagulation factor IX polypeptides and use

thereof for treatment

INVENTOR(S): Oyhenart, Jorge, La Pampa, ARGENTINA

of treatment using modified FIX polypeptides.

Gallet, Xavier, Champhol, FRANCE

Borrelly, Gilles, Combs La Ville, FRANCE

Guyon, Thierry, Palaiseau, FRANCE Vega, Manuel, Vigneux-sur-Seine, FRANCE Drittanti, Lila, Vigneux-sur-Seine, FRANCE

NUMBER KIND DATE US 20080102115 A1 20080501 US 2007-818985 A1 20070615 PATENT INFORMATION: APPLICATION INFO.: 20070615 (11)

NUMBER DATE _____

PRIORITY INFORMATION: US 2006-815113P 20060619 (60)

DOCUMENT TYPE: Utility FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: FISH & RICHARDSON, PC, P.O. BOX 1022, MINNEAPOLIS, MN,

55440-1022, US

NUMBER OF CLAIMS: 130 EXEMPLARY CLAIM: 1 LINE COUNT: 10230

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 7 OF 208 USPATFULL on STN

Polymers for functional particles ΤI

AB

The present invention generally relates to polymers and macromolecules, in particular, to block polymers useful in particles such as nanoparticles. One aspect of the invention is directed to a method of developing nanoparticles with desired properties. In one set of embodiments, the method includes producing libraries of nanoparticles having highly controlled properties, which can be formed by mixing together two or more macromolecules in different ratios. One or more of the macromolecules may be a polymeric conjugate of a moiety to a biocompatible polymer. In some cases, the nanoparticle may contain a drug. The moiety, in some embodiments, may have a molecular weight greater than about 1000 Da; for example, the moiety may include a polypeptide or a polynucleotide, such as an aptamer. The moiety may also be a targeting moiety, an imaging moiety, a chelating moiety, a charged moiety, or a therapeutic moiety. Another aspect of the invention is directed to systems and methods of producing such polymeric conjugates. In some embodiments, a solution containing a polymer is contacted with a liquid, such as an immiscible liquid, to form nanoparticles containing the polymeric conjugate. Other aspects of the invention are directed to methods using such libraries, methods of using or administering such polymeric conjugates, methods of promoting the use of such polymeric conjugates, kits involving such polymeric conjugates, or the like.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2008:92817 USPATFULL

Polymers for functional particles TITLE:

INVENTOR(S): Gu, Frank X., Cambridge, MA, UNITED STATES

> Teply, Benjamin A., Omaha, NE, UNITED STATES Langer, Robert S., Newton, MA, UNITED STATES

Farokhzad, Omid C., Chestnut Hill, MA, UNITED STATES Massachusetts Institute of Technology, Cambridge, MA,

UNITED STATES (U.S. corporation)

The Brigham & Women's Hospital, Inc., Boston, MA,

UNITED STATES (U.S. corporation)

NUMBER KIND DATE

US 20080081074 A1 20080403 US 2007-803843 A1 20070515 (11) APPLICATION INFO.:

NUMBER DATE

PRIORITY INFORMATION: US 2006-747240P 20060515 (60)

DOCUMENT TYPE: Utility APPLICATION FILE SEGMENT:

LEGAL REPRESENTATIVE: WOLF GREENFIELD & SACKS, P.C., 600 ATLANTIC AVENUE,

BOSTON, MA, 02210-2206, US

NUMBER OF CLAIMS: 39 EXEMPLARY CLAIM: 1

PATENT ASSIGNEE(S):

PATENT INFORMATION:

NUMBER OF DRAWINGS: 19 Drawing Page(s)

LINE COUNT: 2739

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 8 OF 208 USPATFULL on STN

Polynucleotides encoding two novel human G-protein coupled receptors, ΤI HGPRBMY28 and HGPRBMY29, and splice variants thereof

AΒ The present invention provides novel polynucleotides encoding HGPRBMY28 and HGPRBMY29 polypeptides, fragments and homologues thereof. The present invention also provides polynucleotides encoding splice variants of HGPRBMY29 polypeptides, HGPRBMY29v1 and HGPRBMY29v2. Also provided are vectors, host cells, antibodies, and recombinant and synthetic

methods for producing said polypeptides. Also provided are vectors, host cells, antibodies, and recombinant and synthetic methods for producing said polypeptides. The invention further relates to diagnostic and therapeutic methods for applying these novel HGPRBMY28, HGPRBMY29, HGPRBMY29v1, and HGPRBMY29v2 polypeptides to the diagnosis, treatment, and/or prevention of various diseases and/or disorders related to these polypeptides. The invention further relates to screening methods for identifying agonists and antagonists of the polynucleotides and polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2008:73063 USPATFULL

TITLE: Polynucleotides encoding two novel human G-protein

coupled receptors, HGPRBMY28 and HGPRBMY29, and splice

variants thereof

Feder, John N., Belle Mead, NJ, UNITED STATES INVENTOR(S):

Ramanathan, Chandra S., Ringoes, NJ, UNITED STATES Mintier, Gabriel A., Hightstown, NJ, UNITED STATES

Bol, David, Gaithersburg, MD, UNITED STATES Hawken, Donald R., Trenton, NJ, UNITED STATES

PATENT ASSIGNEE(S): Bristol-Myers Squibb Company (U.S. corporation)

> DATE NUMBER KIND _____

US 20080064094 A1 20080313 US 2007-890963 A1 20070808 PATENT INFORMATION:

20070808 (11) APPLICATION INFO.:

Division of Ser. No. US 2005-70456, filed on 2 Mar RELATED APPLN. INFO.: 2005, PENDING Division of Ser. No. US 2002-120604,

filed on 11 Apr 2002, GRANTED, Pat. No. US 7049096

NUMBER DATE _____

US 2001-283145P 20010411 (60) PRIORITY INFORMATION:

US 2001-283161P 20010411 (60) US 2001-288468P 20010503 (60) US 2001-300619P 20010625 (60)

DOCUMENT TYPE: Utility FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: LOUIS J. WILLE, BRISTOL-MYERS SQUIBB COMPANY, PATENT

DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000, US

NUMBER OF CLAIMS: EXEMPLARY CLAIM: 1-20

36 Drawing Page(s) NUMBER OF DRAWINGS:

LINE COUNT: 19967

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 9 OF 208 USPATFULL on STN T.7

ΤI Glycosylation-Disrupted Factor VII Variants

The present invention relates to human coagulation Factor VII AB polypeptides, as well as polynucleotide constructs encoding such polypeptides, vectors and host cells comprising and expressing the polynucleotide, pharmaceutical compositions comprising Factor VII polypeptides, uses and methods of treatment; and any additional

inventive features related thereto.

CAS INDEXING IS AVAILABLE FOR THIS PATENT. ACCESSION NUMBER: 2008:66335 USPATFULL

TITLE: Glycosylation-Disrupted Factor VII Variants

INVENTOR(S): Bolt, Gert, Vaerlose, DENMARK

Steenstrup, Thomas Dock, Gentofte, DENMARK

Kristensen, Claus, Bronshoj, DENMARK

Novo Nordisk HealthCare A/G, Zurich, SWITZERLAND, PATENT ASSIGNEE(S):

CH-8050 (non-U.S. corporation)

NUMBER KIND DATE ______ PATENT INFORMATION: US 20080058255 A1 20080306 US 2005-629926 A1 20050617 (11) APPLICATION INFO.:

WO 2005-EP52834 20050617

20070928 PCT 371 date

NUMBER DATE

PRIORITY INFORMATION: DK 2004-967 20040621

DOCUMENT TYPE: Utility FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: NOVO NORDISK, INC., PATENT DEPARTMENT, 100 COLLEGE ROAD

WEST, PRINCETON, NJ, 08540, US

11 NUMBER OF CLAIMS: EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 3 Drawing Page(s) LINE COUNT: 1305

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 10 OF 208 USPATFULL on STN

TΙ Thrombomodulin Derivatives and Conjugates

The transmembrane human protein thrombomodulin (TM), as a AB critical regulator of the protein C pathway, represents the major anticoagulant mechanism that is operative in both normal and injured blood vessels under physiologic conditions in vivo. Compositions and methods are disclosed relating to thrombomodulin derivatives

and conjugates, including methods for site-specific pegylation and

compositions of a truncated thrombomodulin derivative.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2008:58717 USPATFULL

TITLE: Thrombomodulin Derivatives and Conjugates Chaikof, Elliot L., Atlanta, GA, UNITED STATES INVENTOR(S):

Cazalis, Chrystelle S., Pessac, FRANCE

Haller, Carolyn A., Atlanta, GA, UNITED STATES

PATENT ASSIGNEE(S): EMORY UNIVERSITY, Atlanta, GA, UNITED STATES (U.S.

corporation)

NUMBER KIND DATE PATENT INFORMATION: US 20080051562 A1 20080228 APPLICATION INFO.: US 2005-598149 A1 20050222 (10) WO 2005-US5554 20050222 20070417 PCT 371 date

NUMBER DATE _____

US 2004-546436P 20040220 (60) PRIORITY INFORMATION:

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: GREENLEE WINNER AND SULLIVAN P C, 4875 PEARL EAST

CIRCLE, SUITE 200, BOULDER, CO, 80301, US

NUMBER OF CLAIMS: 1 EXEMPLARY CLAIM:

NUMBER OF DRAWINGS: 4 Drawing Page(s)

LINE COUNT: 1217

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 11 OF 208 USPATFULL on STN T.7

ΤТ Unstructured recombinant polymers and uses thereof

The present invention provides unstructured recombinant polymers (URPs) AΒ and proteins containing one or more of the URPs. The present invention also provides microproteins, toxins and other related proteinaceous entities, as well as genetic packages displaying these entities. The present invention also provides recombinant polypeptides including vectors encoding the subject proteinaceous entities, as well as host cells comprising the vectors. The subject compositions have a variety of utilities including a range of pharmaceutical applications.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2008:44718 USPATFULL

TITLE: Unstructured recombinant polymers and uses thereof INVENTOR(S): Schellenberger, Volker, Palo Alto, CA, UNITED STATES Stemmer, Willem P., Los Gatos, CA, UNITED STATES

Wang, Chia-wei, Santa Clara, CA, UNITED STATES

Scholle, Michael D., Mountain View, CA, UNITED STATES Popkov, Mikhail, San Diego, CA, UNITED STATES Gordon, Nathaniel C., Campbell, CA, UNITED STATES Crameri, Andreas, Los Altos Hills, CA, UNITED STATES

NUMBER KIND DATE _____

US 20080039341 A1 20080214 US 2007-715276 A1 20070306 (11) PATENT INFORMATION: APPLICATION INFO.:

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2006-528927, filed on 27 Sep 2006, PENDING Continuation-in-part of Ser.

No. US 2006-528950, filed on 27 Sep 2006, PENDING

DATE NUMBER _____ US 2005-721270P 20050927 (60) PRIORITY INFORMATION: US 2005-721188P 20050927 (60)

US 2006-743622P 20060321 (60) US 2006-743410P 20060306 (60)

DOCUMENT TYPE: Utility FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: WILSON SONSINI GOODRICH & ROSATI, 650 PAGE MILL ROAD,

PALO ALTO, CA, 94304-1050, US

NUMBER OF CLAIMS: 49 EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 47 Drawing Page(s)

LINE COUNT: 8692

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 12 OF 208 USPATFULL on STN L7

NOVEL TISSUE FACTOR TARGETED THROMBOMODULIN FUSION PROTEINS AS ΤI ANTICOAGULANTS

AΒ This invention relates to novel fusion proteins which are comprised of a targeting protein that binds tissue factor (TF), which is operably linked to the thrombomodulin (TM) EGF456 domain alone or in combination with at least one other TM domain selected from the group consisting of the N-terminal hydrophobic region domain, the EGF123 domain, the interdomain loop between EGF3 and EGF4, and the O-glycosylated Ser/Thr-rich domain, or analogs, fragments, derivatives or variants thereof. The fusion protein binds at the site of injury and prevents the initiation of thrombosis. The fusion protein can be used to treat a variety of thrombotic conditions including but not limited to deep vein thrombosis, disseminated intravascular coagulation, and acute

coronary syndrome.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

2008:23784 USPATFULL ACCESSION NUMBER:

TITLE: NOVEL TISSUE FACTOR TARGETED THROMBOMODULIN

FUSION PROTEINS AS ANTICOAGULANTS

INVENTOR(S): Light, David, San Mateo, CA, UNITED STATES McLean, Kirk, Oakland, CA, UNITED STATES

PATENT ASSIGNEE(S): Bayer Schering AG (U.S. corporation)

> NUMBER KIND DATE

______ PATENT INFORMATION:
APPLICATION INFO.: US 20080020965 A1 20080124 US 2007-766160 A1 20070621

APPLICATION INFO.: (11)

Division of Ser. No. US 2003-427805, filed on 30 Apr RELATED APPLN. INFO.:

2003, GRANTED, Pat. No. US 7250168

NUMBER DATE

_____ PRIORITY INFORMATION: US 2002-376566P 20020501 (60)

DOCUMENT TYPE: Utility FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: BANNER & WITCOFF, LTD., 1100 13th STREET, N.W., SUITE

1200, WASHINGTON, DC, 20005-4051, US

NUMBER OF CLAIMS: EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 11 Drawing Page(s)

LINE COUNT: 2251

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 13 OF 208 USPATFULL on STN T.7

NOVEL TISSUE FACTOR TARGETED THROMBOMODULIN FUSION PROTEINS AS TΙ ANTICOAGULANTS

This invention relates to novel fusion proteins which are comprised of a AB targeting protein that binds tissue factor (TF), which is operably linked to the thrombomodulin (TM) EGF456 domain alone or in combination with at least one other TM domain selected from the group consisting of the N-terminal hydrophobic region domain, the EGF123 domain, the interdomain loop between EGF3 and EGF4, and the O-glycosylated Ser/Thr-rich domain, or analogs, fragments, derivatives or variants thereof. The fusion protein binds at the site of injury and prevents the initiation of thrombosis. The fusion protein can be used to treat a variety of thrombotic conditions including but not limited to deep vein thrombosis, disseminated intravascular coagulation, and acute coronary syndrome.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2008:22809 USPATFULL

NOVEL TISSUE FACTOR TARGETED THROMBOMODULIN TITLE:

FUSION PROTEINS AS ANTICOAGULANTS

INVENTOR(S): Light, David, San Mateo, CA, UNITED STATES

McLean, Kirk, Oakland, CA, UNITED STATES

PATENT ASSIGNEE(S): Bayer Schering AG (U.S. corporation)

NUMBER KIND DATE _____ ___ PATENT INFORMATION: US 20080019985 A1 20080124 APPLICATION INFO.: US 2007-766155 A1 20070621 (11)

Continuation of Ser. No. US 2003-427805, filed on 30 RELATED APPLN. INFO.:

Apr 2003, GRANTED, Pat. No. US 7250168

NUMBER DATE

PRIORITY INFORMATION: US 2002-376566P 20020501 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: BANNER & WITCOFF, LTD., 1100 13th STREET, N.W., SUITE

1200, WASHINGTON, DC, 20005-4051, US

NUMBER OF CLAIMS: 20 EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 11 Drawing Page(s) LINE COUNT: 2259

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 14 OF 208 USPATFULL on STN

TI Novel human G-protein coupled receptor, HGPRBMY23, expressed highly in kidney

AB The present invention provides novel polynucleotides encoding HGPRBMY23 polypeptides, fragments and homologues thereof. Also provided are vectors, host cells, antibodies, and recombinant and synthetic methods for producing said polypeptides. The invention further relates to diagnostic and therapeutic methods for applying these novel HGPRBMY23 polypeptides to the diagnosis, treatment, and/or prevention of various diseases and/or disorders related to these polypeptides, particularly renal diseases and/or disorders, colon cancer, breast cancer, and diseases and disorders related to aberrant NFKB modulation. The invention further relates to screening methods for identifying agonists and antagonists of the polynucleotides and polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2008:16937 USPATFULL

TITLE: Novel human G-protein coupled receptor, HGPRBMY23,

expressed highly in kidney

INVENTOR(S): Barber, Lauren E., Higganum, CT, UNITED STATES

Cacace, Angela, Durham, CT, UNITED STATES
Feder, John N ., Belle Mead, NJ, UNITED STATES
Nelson, Thomas C., Lawrenceville, NJ, UNITED STATES
Ramanathan, Chandra S., Ringoes, NJ, UNITED STATES

Ryseck, Rolf-Peter, Ewing, NJ, UNITED STATES Neubauer, Michael G., Skillman, NJ, UNITED STATES Kornacker, Michael G., Princeton, NJ, UNITED STATES

PATENT ASSIGNEE(S): Bristol-Myers Squibb Company (U.S. corporation)

RELATED APPLN. INFO.: Division of Ser. No. US 2003-375157, filed on 26 Feb 2003, PENDING Continuation-in-part of Ser. No. US

2001-10568, filed on 7 Dec 2001, ABANDONED

NUMBER DATE

PRIORITY INFORMATION: US 2000-251926P 20001207 (60) US 2001-269795P 20010214 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: LOUIS J. WILLE, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000, US

NUMBER OF CLAIMS: 5 EXEMPLARY CLAIM: 1-26 NUMBER OF DRAWINGS: 17 Drawing Page(s)

LINE COUNT: 14355

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 15 OF 208 USPATFULL on STN

TI Inhibitors of TNFalpha, PDE4 and B-RAF, compositions thereof and methods of use therewith

AB Provided herein are compounds having $TNF\alpha$ and/or PDE4 and/or B-RAF inhibitory activity, and compositions thereof. In particular, provided herein are compounds of the formula I: ##STR1##

and pharmaceutically acceptable salts, solvates, hydrates, clathrates, stereoisomers, polymorphs and prodrugs thereof, wherein Ar, R.sup.1, R.sup.2, R.sup.3, R.sup.4, n and Z are as described herein. Further provided herein are methods for treating or preventing various diseases and disorders by administering to a patient one or more TNF α and/or PDE4 and/or B-RAF inhibitors. In particular, provided herein are methods for preventing or treating cancer, inflammatory disorders, cognition and memory disorders and autoimmune disorders, or one or more symptoms thereof by administering to a patient one or more TNF α and/or PDE4 and/or B-RAF inhibitors.

CAS INDEXING IS AVAILABLE FOR THIS PATENT. ACCESSION NUMBER: 2008:5093 USPATFULL

TITLE: Inhibitors of TNFalpha, PDE4 and B-RAF, compositions

thereof and methods of use therewith

INVENTOR(S): McKenna, Jeffrey M., Horsham, UNITED KINGDOM

Papa, Patrick W., Carlsbad, CA, UNITED STATES Sakata, Steven T., San Diego, CA, UNITED STATES Erdman, Paul E., San Diego, CA, UNITED STATES Packard, Garrick K., San Diego, CA, UNITED STATES

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 20080004271	A1	20080103	
APPLICATION INFO.:	US 2007-654344	A1	20070116	(11)

	DATE
US 2006-759819P	20060117 (60)
US 2006-814862P	20060619 (60)
US 2006-818246P	20060630 (60)
US 2006-854637P	20061025 (60)
	US 2006-814862P US 2006-818246P

DOCUMENT TYPE: Utility FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: JONES DAY, 222 EAST 41ST ST, NEW YORK, NY, 10017, US

NUMBER OF CLAIMS: 25
EXEMPLARY CLAIM: 1
LINE COUNT: 10585

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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(FILE 'HOME' ENTERED AT 15:17:41 ON 15 SEP 2008)

FILE 'MEDLINE, USPATFULL, DGENE, BIOSIS' ENTERED AT 15:18:37 ON 15 SEP 2008

L1 824 S THROMBOMODULIN AND POLYMER

L2 0 S (TRUNCATED THROMBOMODULIN CONJUGATE)

L3 0 S L1 AND (CONJUGATE THROMBOMODULIN)

L41 S (THROMBOMODULIN CONJUGATE) L5 29925 S (CARBOXY TERMINUS) FILE 'BIOSIS, EMBASE, USPATFULL, WPIDS, BIOTECHDS, MEDLINE, SCISEARCH' ENTERED AT 15:32:57 ON 15 SEP 2008 E HALLER, C/AU E CAZALIS, C/AU E CHAIKOF, E/AU 0 S (THROMOBOMODULIN AND PEG) L6 L7 208 S (THROMBOMODULIN AND PEGYLATED) L8 1 S L7 AND (GGM) L9 1 S L7 AND (EGF4-6) =>